



# Ranking Pool Report

**Ranking Pool:** Yakima Integrated Plan - Toppenish to Teanaway A. fy21

**Program:** RCPP-EQIP

**Template:** RCPP-EQIP

**Last Modified By:** Alan Fulk

**Pool Status:** Active

**Template Status:** Active

**Last Modified:** 01-12-2021

## Land Uses

Land Use	Modifier 1	Modifier 2	Modifier 3	Modifier 4	Modifier 5	Modifier 6
Crop	--	--	--	--	--	--
Forest	--	--	--	--	--	--
Range	--	--	--	--	--	--
Pasture	--	--	--	--	--	--
Water	--	--	--	--	--	--

## Resource Concern Categories

Categories			
Category	Min %	Default %	Max %
Air quality emissions	2	2	35
Aquatic habitat	2	35	35
Concentrated erosion	0	2	35
Degraded plant condition	2	2	35
Field pesticide loss	2	2	35
Field sediment, nutrient and pathogen loss	2	19	35
Fire management	0	2	35
Inefficient energy use	2	2	35
Livestock production limitation	0	2	35
Pest pressure	2	2	35
Salt losses to water	0	2	35
Soil quality limitations	2	2	35
Source water depletion	2	15	35
Storage and handling of pollutants	2	2	35
Terrestrial habitat	2	5	35
Weather resilience	2	2	35

## Categories

Category	Min %	Default %	Max %
Wind and water erosion	2	2	35

## Air quality emissions

Resource Concern	Min %	Default %	Max %
Emissions of airborne reactive nitrogen	5	20	85
Emissions of greenhouse gases - GHGs	5	20	85
Emissions of ozone precursors	5	20	85
Emissions of particulate matter (PM) and PM precursors	5	20	85
Objectionable odor	0	20	80

## Aquatic habitat

Resource Concern	Min %	Default %	Max %
Aquatic habitat for fish and other organisms	5	50	100
Elevated water temperature	0	50	95

## Concentrated erosion

Resource Concern	Min %	Default %	Max %
Bank erosion from streams, shorelines or water conveyance channels	0	30	100
Classic gully erosion	0	35	100
Ephemeral gully erosion	0	35	100

## Degraded plant condition

Resource Concern	Min %	Default %	Max %
Plant productivity and health	5	50	95
Plant structure and composition	5	50	95

## Field pesticide loss

Resource Concern	Min %	Default %	Max %
Pesticides transported to groundwater	5	50	95
Pesticides transported to surface water	5	50	95

## Field sediment, nutrient and pathogen loss

Resource Concern	Min %	Default %	Max %
Nutrients transported to groundwater	5	20	80
Nutrients transported to surface water	5	20	80

## Field sediment, nutrient and pathogen loss

Resource Concern	Min %	Default %	Max %
Pathogens and chemicals from manure, biosolids or compost applications transported to groundwater	5	20	80
Pathogens and chemicals from manure, biosolids or compost applications transported to surface water	5	20	80
Sediment transported to surface water	5	20	80

## Fire management

Resource Concern	Min %	Default %	Max %
Wildfire hazard from biomass accumulation	0	100	100

## Inefficient energy use

Resource Concern	Min %	Default %	Max %
Energy efficiency of equipment and facilities	5	50	95
Energy efficiency of farming/ranching practices and field operations	5	50	95

## Livestock production limitation

Resource Concern	Min %	Default %	Max %
Feed and forage balance	0	35	100
Inadequate livestock shelter	0	30	100
Inadequate livestock water quantity, quality and distribution	0	35	100

## Pest pressure

Resource Concern	Min %	Default %	Max %
Plant pest pressure	100	100	100

## Salt losses to water

Resource Concern	Min %	Default %	Max %
Salts transported to groundwater	0	50	100
Salts transported to surface water	0	50	100

## Soil quality limitations

Resource Concern	Min %	Default %	Max %
Aggregate instability	5	15	85
Compaction	5	20	85
Concentration of salts or other chemicals	0	15	80
Organic matter depletion	5	20	85
Soil organism habitat loss or degradation	5	20	85

## Soil quality limitations

Resource Concern	Min %	Default %	Max %
Subsidence	0	10	80

## Source water depletion

Resource Concern	Min %	Default %	Max %
Groundwater depletion	5	35	90
Inefficient irrigation water use	5	35	90
Surface water depletion	5	30	90

## Storage and handling of pollutants

Resource Concern	Min %	Default %	Max %
Nutrients transported to groundwater	5	20	80
Nutrients transported to surface water	5	20	80
Pesticides transported to surface water	0	20	80
Petroleum, heavy metals and other pollutants transported to groundwater	5	20	80
Petroleum, heavy metals and other pollutants transported to surface water	5	20	80

## Terrestrial habitat

Resource Concern	Min %	Default %	Max %
Terrestrial habitat for wildlife and invertebrates	100	100	100

## Weather resilience

Resource Concern	Min %	Default %	Max %
Drifted snow	0	20	100
Naturally available moisture use	0	20	100
Ponding and flooding	0	20	100
Seasonal high water table	0	20	100
Seeps	0	20	100

## Wind and water erosion

Resource Concern	Min %	Default %	Max %
Sheet and rill erosion	5	50	100
Wind erosion	0	50	95

## Practices

Practice	Practice Code	Practice Type
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Practice	Practice Code	Practice Type
Wildlife Habitat Planting	420	P
Pond Sealing or Lining, Geomembrane or Geosynthetic Clay Liner	521	P
Energy Efficient Lighting System	670	P
Energy Efficient Building Envelope	672	P
On-Farm Secondary Containment Facility	319	P
Structures for Wildlife	649	P
Emergency Animal Mortality Management	368	P
Amending Soil Properties with Gypsum Products	333	P
Denitrifying Bioreactor	605	P
Controlled Traffic Farming	334	P
Field Operations Emissions Reduction	376	P
Pond Sealing or Lining, Compacted Soil Treatment	520	P
Alley Cropping	311	P
Waste Storage Facility	313	P
Brush Management	314	P
Animal Mortality Facility	316	P
Composting Facility	317	P
Irrigation Canal or Lateral	320	P
Deep Tillage	324	P
Clearing and Snagging	326	P
Conservation Cover	327	P
Conservation Crop Rotation	328	P
Contour Farming	330	P
Contour Orchard and Other Perennial Crops	331	P
Contour Buffer Strips	332	P
Cover Crop	340	P
Critical Area Planting	342	P
Dam, Diversion	348	P
Sediment Basin	350	P
Well Decommissioning	351	P
Dike	356	P
Waste Facility Closure	360	P
Diversion	362	P
Pond	378	P
Windbreak/Shelterbelt Establishment	380	P
Fence	382	P
Field Border	386	P

Practice	Practice Code	Practice Type
Irrigation Field Ditch	388	P
Riparian Herbaceous Cover	390	P
Riparian Forest Buffer	391	P
Filter Strip	393	P
Firebreak	394	P
Stream Habitat Improvement and Management	395	P
Aquatic Organism Passage	396	P
Grade Stabilization Structure	410	P
Grassed Waterway	412	P
Hedgerow Planting	422	P
Irrigation Reservoir	436	P
Irrigation System, Microirrigation	441	P
Sprinkler System	442	P
Irrigation System, Surface and Subsurface	443	P
Irrigation Water Management	449	P
Anionic Polyacrylamide (PAM) Application	450	P
Land Clearing	460	P
Irrigation Land Leveling	464	P
Access Control	472	P
Mulching	484	P
Tree/Shrub Site Preparation	490	P
Obstruction Removal	500	P
Forage Harvest Management	511	P
Pasture and Hay Planting	512	P
Livestock Pipeline	516	P
Pumping Plant	533	P
Grazing Land Mechanical Treatment	548	P
Range Planting	550	P
Drainage Water Management	554	P
Roof Runoff Structure	558	P
Access Road	560	P
Heavy Use Area Protection	561	P
Stormwater Runoff Control	570	P
Spring Development	574	P
Trails and Walkways	575	P
Streambank and Shoreline Protection	580	P
Open Channel	582	P

Practice	Practice Code	Practice Type
Channel Bed Stabilization	584	P
Stripcropping	585	P
Structure for Water Control	587	P
Cross Wind Trap Strips	589C	P
Nutrient Management	590	P
Feed Management	592	P
Pest Management Conservation System	595	P
Terrace	600	P
Vegetative Barrier	601	P
Herbaceous Wind Barriers	603	P
Subsurface Drain	606	P
Surface Drain, Field Ditch	607	P
Surface Drain, Main or Lateral	608	P
Tree/Shrub Establishment	612	P
Watering Facility	614	P
Underground Outlet	620	P
Vertical Drain	630	P
Waste Recycling	633	P
Waste Transfer	634	P
Vegetated Treatment Area	635	P
Water Harvesting Catchment	636	P
Water and Sediment Control Basin	638	P
Water Well	642	P
Restoration of Rare or Declining Natural Communities	643	P
Wetland Wildlife Habitat Management	644	P
Upland Wildlife Habitat Management	645	P
Shallow Water Development and Management	646	P
Early Successional Habitat Development-Mgt	647	P
Windbreak/Shelterbelt Renovation	650	P
Forest Trails and Landings	655	P
Wetland Restoration	657	P
Wetland Enhancement	659	P
Tree/Shrub Pruning	660	P
Forest Stand Improvement	666	P
Monitoring Well	353	P
Roofs and Covers	367	P
Prescribed Grazing	528	P

Practice	Practice Code	Practice Type
Stream Crossing	578	P
TA Design	911	P
TA Application	912	P
TA Check-Out	913	P
Fuel Break	383	P
Silvopasture	381	P
Groundwater Testing	355	P
Woody Residue Treatment	384	P
Waste Separation Facility	632	P
Waste Treatment	629	P
Salinity and Sodic Soil Management	610	P
Residue and Tillage Management, No Till	329	P
Residue and Tillage Management, Reduced Till	345	P
Multi-Story Cropping	379	P
Agrichemical Handling Facility	309	P
Road/Trail/Landing Closure and Treatment	654	P
Irrigation Ditch Lining	428	P
Irrigation Pipeline	430	P
Waste Gasification Facility	735	P
Drainage Ditch Covering	775	P
Combustion System Improvement	372	P
Dust Control on Unpaved Roads and Surfaces	373	P
Herbaceous Weed Treatment	315	P
Dust Control from Animal Activity on Open Lot Surfaces	375	P
Farmstead Energy Improvement	374	P

## Ranking Component Weights

Category	Algorithm	Allowable Min	Default	Allowable Max
Vulnerabilities	Default	25	25	40
Planned Practice Effects	Default	20	20	35
Resource Priorities	Default	5	25	25
Program Priorities	Default	5	20	20
Efficiencies	Default	10	10	10



**Display Group: Yakima Integrated Plan - Toppenish to Teanaway 2021 (Active)**

An asterisk will be displayed to show that it is a conditional section or conditional question.

**Survey: WA Applicability Questions**

Section: Yakima Integrated Plan - Toppenish to Teanaway		
Question	Answer Choices	Points
Yakima Integrated Plan - Toppenish to Teanaway	Yakima Integrated Plan - Toppenish to Teanaway	--
	Otherwise	--

**Survey: WA Category Questions**

Section: Yakima Integrated Plan - Toppenish to Teanaway		
Question	Answer Choices	Points
Yakima Integrated Plan - Toppenish to Teanaway RCPP	YES	--
	NO	--

**Survey: WA Program Questions**

Section: Yakima Integrated Plan - Toppenish to Teanaway RCPP YN		
Question	Answer Choices	Points
Yakama Nation only: All contracted practices and practice locations are included in the RCPP proposal and agreement with YN.	YES	200
	NO	0

**Survey: WA Resource Questions**

Section: Kittitas Co. Projects		
Question	Answer Choices	Points
<p>QUESTION 1 SECTION: Yakima Integrated Plan - Toppenish to Teanaway RCPP Project Screening Criteria Screening Y N 1 Is the planning unit located in the priority geographic area for the Yakima Integrated Plan Toppenish to Teanaway Project ? 2 Do the proposed practices address insufficient water / drought, water quality degradation, and / or inadequate habitat for fish and wildlife? Must answer yes to both questions to be considered for RCPP Project funding in Kittitas County QUESTION 1: Yakima Integrated Plan - Toppenish to Teanaway RCPP Project Insufficient Water-Drought Criteria Insufficient Water/Drought question 1 Irrigation System Upgrade (SELECT ONLY ONE)</p>	1a Is the planning unit in surface irrigation and converting to sprinkler irrigation system (442) or drip irrigation (441) to treat inefficient use of irrigation water? 66 points	66
	1b Is the planning unit in wheelline or handline sprinkler irrigation and converting to center pivot, linear or drip irrigation (441) to treat inefficient use of irrigation water? 38 points	38.5
	1c Does the proposed treatment consist of piping an earthen ditch to the farm or field, to treat water quantity? 66 points	66
	None apply	0

## Section: Kittitas Co. Projects

Question	Answer Choices	Points
QUESTION 2 SECTION: Yakima Integrated Plan - Toppenish to Teanaway RCPP Project Insufficient Water-Drought Criteria Insufficient Water/Drought questions (SELECT ALL THAT APPLY)	2a Is the planning unit located in the Cascade Irrigation District or Kittitas Reclamation District (North Branch Canal) service areas south of Interstate 90; or is it located in the West Side Irrigating Company or Kittitas Reclamation District (South Branch Canal) service areas south of Manastash Creek? 5.5 points	5.5
	2b Does the project include irrigation water management (449)? 2.2 points	2.2
	None apply	0
QUESTION 3 SECTION: Yakima Integrated Plan - Toppenish to Teanaway RCPP Project Insufficient Water-Drought Criteria Water Quality Degradation questions (SELECT ALL THAT APPLY)	3a Does tailwater from surface irrigation in this unit flow directly to a river, side channel, creek or canal/lateral? 11 points	11
	3b Does the tailwater from surface irrigation in this unit flow directly into a creek or canal including and downstream from the Cascade Irrigation District Canal to the Yakima River; or directly into Manastash or Sorenson Creeks, or Packwood Ditch, Westside Canal, or Fogarty Ditch? 5.5 points	5.5
	3c For upgrades from surface irrigation to sprinkler or drip, does more than 50% of the planning unit exceed 2% slope? 11 points	11
	None apply	0
QUESTION 4 SECTION: Yakima Integrated Plan - Toppenish to Teanaway RCPP Project Insufficient Water-Drought Criteria Water Quality Degradation question 4 (SELECT ONLY ONE)	4a Practice treatment has minimal effect on treating stream 2.2 points	2.2
	4b Practice treatment has moderate effect on treating stream 5.5 points	5.5
	4c Practice treatment has greatest effect on treating stream 11 points	11

## Section: Kittitas Co. Projects

Question	Answer Choices	Points
QUESTION 5 SECTION: Yakima Integrated Plan - Toppenish to Teanaway RCPP Project Insufficient Water-Drought Criteria Inadequate Habitat for Fish & Wildlife questions (SELECT ALL THAT APPLY)	5a Does the planning unit include the Teanaway River (including its tributaries), Tucker Creek, Big Creek, Little Creek, Tillman Creek, Taneum Creek, Manastash Creek, Kittitas Valley tributaries (Dry Creek to Badger Creek) below the intersection of Cascade Canal, or the Yakima River or Yakima River side channels and are practices included to address fish habitat improvements (must answer yes and receive points for at least one of questions 10 to 13)? 5.5 points	5.5
	5b Does the planning unit include Kittitas Valley tributaries (Dry Creek to Badger Creek) upstream of the Cascade Irrigation District canal and are practices included to address fish habitat improvements (must answer yes and receive points for at least one of questions 10 to 13)? 3.3 points	3.3
	5c Project includes installation of a fish screen at the water withdrawal site or project consolidates water diversions and eliminates an unscreened diversion? 5.5 points	5.5
	5d Project includes correction of all fish passage barriers in the planning unit or serving planning unit and under control of the applicant? 5.5 points	5.5
	None apply	0
QUESTION 6 SECTION: Yakima Integrated Plan - Toppenish to Teanaway RCPP Project Insufficient Water-Drought Criteria Inadequate Habitat for Fish & Wildlife question 6 (SELECT ONLY ONE)	6a Practice treatment has minimal effect on treating stream 5.5 points	5.5
	6b Practice treatment has moderate effect on treating stream 11 points	11
	6c Practice treatment has greatest effect on treating stream 22 points	22
	None apply	0
QUESTION 7 SECTION: Yakima Integrated Plan - Toppenish to Teanaway RCPP Project Insufficient Water-Drought Criteria Inadequate Habitat for Fish & Wildlife questions 7 (SELECT ALL THAT APPLY)	7a Is applicant willing to place at least half of the water saved through conversion to a pipeline or sprinkler/drip system into the Trust Water Rights Program by donation for a period of at least 15 years? 22 points	22
	7b Are the practices proposed associated with an ACEP - ALE contracted parcels developed through this RCPP project? 22 points	22
	None apply	0
LIVESTOCK SECTION Yakima Integrated Plan Toppenish to Teanaway Project Livestock Criteria Water Quality Degradation (SELECT ALL THAT APPLY)	Livestock apps 1. Does this application primarily include fencing, livestock watering facilities or associated practices intended to control and manage livestock grazing on streams/rivers? 250 39 points	39

## Section: Kittitas Co. Projects

Question	Answer Choices	Points
	Livestock apps 2. Is the planning unit within the Teanaway Community Forest or adjacent parcels? 25 4 points	4
	Livestock apps 3a Practice treatment has minimal effect on treating stream 10 Yakima Integrated Plan Toppenish to Teanaway RCPP Project Livestock Criteria Water Quality Degradation question 3 * Application may only receive points for question 3 or 6 but not both. 2 points	2
	Livestock apps 3b Practice treatment has moderate effect on treating stream 25 Yakima Integrated Plan Toppenish to Teanaway RCPP Project Livestock Criteria Water Quality Degradation question 3 Application may only receive points for question 3 or 6 but not both. 4 points	4
	Livestock apps 3c Practice treatment has greatest effect on treating stream 50 Yakima Integrated Plan Toppenish to Teanaway RCPP Project Livestock Criteria Water Quality Degradation question 3 * Application may only receive points for question 3 or 6 but not both. 8 points	8
	Livestock apps 4. Does the planning unit include the Teanaway River (including its tributaries), Tucker Creek, Big Creek, Little Creek, Tillman Creek, Taneum Creek, Manastash Creek, Kittitas Valley tributaries (Dry Creek to Badger Creek) below the intersection of Cascade Canal, or the Yakima River or Yakima river side channels and are practices included to address fish habitat improvements (must answer yes and receive points for one of questions 6 to 7)? 50 8 points	8
	Livestock apps 5 Does the planning unit include Kittitas Valley tributaries (Dry Creek to Badger Creek) upstream of the Cascade Irrigation District canal and are practices included to address fish habitat improvements (must answer yes and receive points for one of questions 6 to 7)? 25 4 points	4
	Livestock apps 6a Practice treatment has minimal effect on treating stream 25 question 6 * Application may only receive points for question 3 or 6 but not both. 4 points	4
	Livestock apps 6b Practice treatment has moderate effect on treating stream 50 question 6 * Application may only receive points for question 3 or 6 but not both. 8 points	8
	Livestock apps 6c Practice treatment has greatest effect on treating stream 75 question 6 * Application may only receive points for question 3 or 6 but not both. 11 points	11

## Section: Kititas Co. Projects

Question	Answer Choices	Points
	Livestock apps 7a Does this application include livestock watering facilities (well, pipeline, tank, etc.) associated with converting from an surface water diversion to groundwater to improve instream flows or to off-channel facility to improve riparian conditions? 7a Conversion from an in-stream diversion for stockwater to a groundwater source? 450 70 points	70
	Livestock apps 7b Does this application include livestock watering facilities (well, pipeline, tank, etc.) associated with converting from an surface water diversion to groundwater to improve instream flows or to off-channel facility to improve riparian conditions? 7b Conversion from a riparian stockwater right to a groundwater source or an off-channel facility? 200 31 points	31
	Livestock apps 8. Are the practices proposed associated with an ACEP ALE or HFRP contracted parcel(s) developed through this RCPP project? 100 16 points	16
	None apply	0

## Section: Kititas Co. Projects

Question	Answer Choices	Points
<p>FISH AND WILDLIFE SECTION: Yakima Integrated Plan - Toppenish to Teanaway RCPP Project Fish &amp; Wildlife Criteria (must answer yes and receive points for at least one of questions 2 to 4)? Inadequate Habitat for Fish &amp; Wildlife questions 1-2 (SELECT ALL THAT APPLY)</p>	1 Project will improve floodplain, riparian or instream habitat and the planning unit includes: Yakima River or Yakima River side channels; or Teanaway River (including its tributaries); or Tucker Creek, Big Creek, Little Creek, Tillman Creek, Taneum Creek, Manastash Creek; or Dry Creek, Currier Creek, Reecer Creek, Whiskey Creek, Naneum Creek, Coleman Creek, Cooke Creek, Caribou Creek and Parke Creek below their intersection of Cascade Canal; or Wilson Creek, or Mercer Creek below their intersections with Ellensburg Water Company Canal (must answer yes and receive points for at least one of questions 2 to 4)? 150 points	150
	2 Project includes correction of all fish passage barriers in the planning unit or serving planning unit and under control of the applicant? 150 46 points	46
	Yakima Integrated Plan - Toppenish to Teanaway RCPP Project Fish & Wildlife Criteria Inadequate Habitat for Fish & Wildlife question 3 3a Practice treatment has minimal effect on treating stream 25 8 points	8
	3b Practice treatment has moderate effect on treating stream 50 17 points	17
	3c Practice treatment has greatest effect on treating stream 75 26 points	26
	Yakima Integrated Plan - Toppenish to Teanaway RCPP Project Fish & Wildlife Criteria Inadequate Habitat for Fish & Wildlife questions 4-5 4. Project includes instream habitat improvements like installation of rock and/or wood habitat structures? 150 46 points	46
	5. Project includes practices associated with anACEP ALE or HFRP contracted parcel(s) developed through this RCPP project? 100 31 points	31
	None apply	0